

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

REC'D JAN 05 1988

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917) January 1980

SECTION I

MANUFACTURER'S NAME Koppers Co., Inc.		EMERGENCY TELEPHONE NO. 412-227-2000
ADDRESS (Number, Street, City, State, and ZIP Code) Pittsburgh, PA 15219		
CHEMICAL NAME AND SYNONYMS Lacquer	TRADE NAME AND SYNONYMS Clear Nitrocellulose Lacquer	
CHEMICAL FAMILY Lacquer	FORMULA L-58A-66, TT-L-32A Ty 2	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS * See Below			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
* Isopropanol SO-1200		400PPM 150PPM
Methyl Isobutyl Carbinol		25PPM
Isobutyl Acetate		150PPM
Butyl Cellosolve		25PPM
Methyl Ethyl Ketone		200PPM
Methyl Isobutyl Ketone		50PPM
V M & P Naptha		300PPM

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	Wt/Gal 7.7 Lbs
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	78%
VAPOR DENSITY (AIR=1)	Heavier	EVAPORATION RATE (N But Acet =1)	Faster
SOLUBILITY IN WATER	Negligable		
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 23°F TCC	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA Water fog, foam, dry chemicals or CO2.			
SPECIAL FIRE FIGHTING PROCEDURES Use air supplied equipment for enclosed areas, cool exposed containers with water.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Keep away from heat, sparks or open flames.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

25 PPM

EFFECTS OF OVEREXPOSURE

Irritation to eyes, nose and throat near or above 25 ppm from vapors. Higher concentrations cause drowsiness, dizziness, followed by coma.

EMERGENCY AND FIRST AID PROCEDURES

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Call a physician. In case of skin contact, wash thoroughly with soap and water; for eyes, flush immediately with plenty of water for 15 minutes and contact a physician. Wash contaminated clothes before reuse. If swallowed, CALL A PHYSICIAN IMMEDIATELY. DO NOT induce vomiting.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition (flame, electrical, static or frictional sparks; hot surfaces, etc.). Avoid breathing vapors. Ventilate area. Contain and scoop up spill with non-sparking tools, rags, etc. Use inert absorbent materials on small spills or on residuals of large spills.

WASTE DISPOSAL METHOD

Dispose of in accordance with local applicable regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Organic vapor canister where oxygen content is adequate and vapor concentration is less than 2% or use air supplied face masks.

VENTILATION

LOCAL EXHAUST

SPECIAL

X

MECHANICAL (General)

OTHER

X

PROTECTIVE GLOVES

Rubber gloves

EYE PROTECTION

Goggles

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed and upright to prevent leakage. Avoid flames, welding, smoking, sparks, open lights, etc. Avoid breathing of vapor or spray mist. Avoid eye and skin contact.

OTHER PRECAUTIONS

Maintain good personal hygiene. Do not use in confined areas, tank or pit without adequate ventilation.